

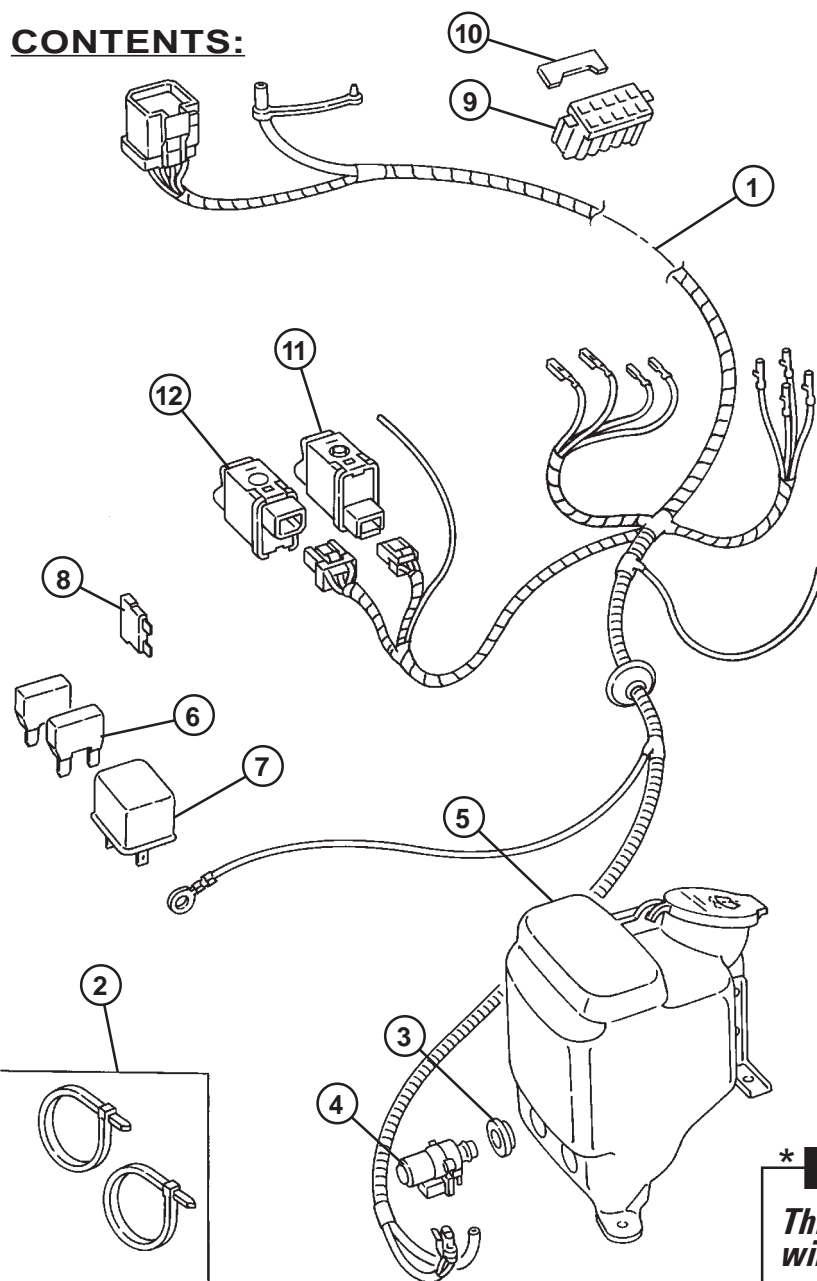
## INSTALLATION INSTRUCTIONS

*Read entire instructions thoroughly before starting. References to the service manual wiring diagrams and operation sections will be required for adjustments, fastener torques, and troubleshooting.*

### TOOLS REQUIRED:

- A selection of phillips head screwdrivers
- 15mm socket
- 10mm socket
- Modeler's knife
- Solder
- Electrical tape
- A selection of flat head screwdrivers

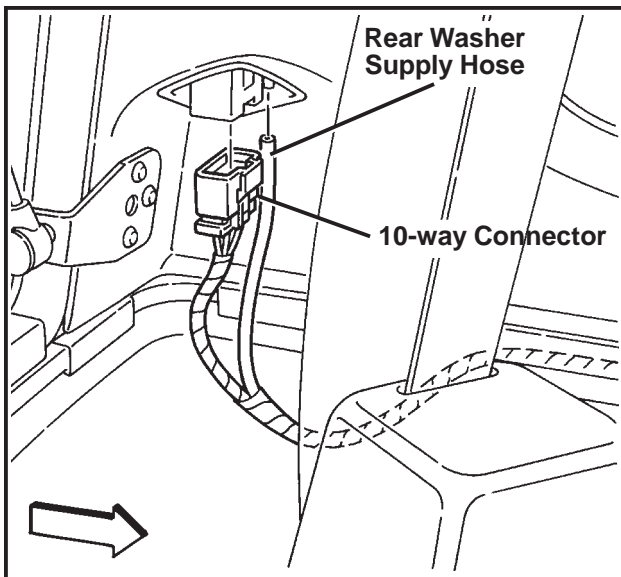
### CONTENTS:



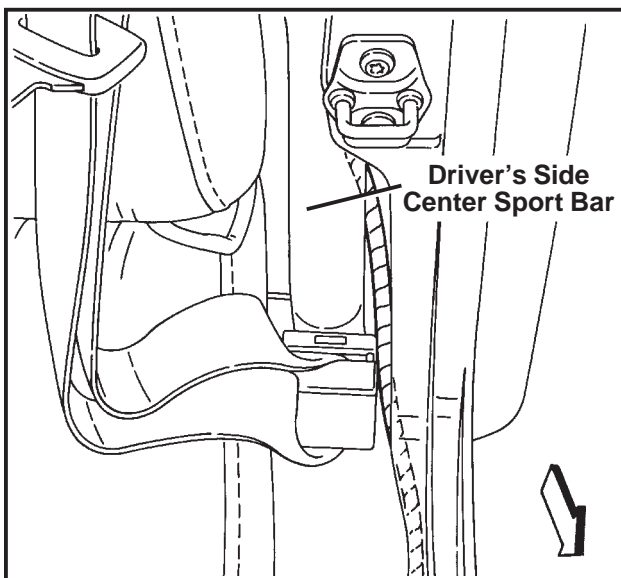
Item	Qty.	Description
* ①	1	Hardtop Wiring Assembly
②	12	Tie Straps
③	1	Grommet
④	1	Rear Window Washer Pump
⑤	1	Reservoir
⑥	2	Maxi Fuses
⑦	1	HBL Relay
⑧	1	Mini Fuse
⑨	1	Red 10-way Connector
⑩	1	Yellow Locking Wedge
⑪	1	HBL Switch
⑫	1	Rear Wipe Switch
⑬	1	Instruction Sheet

### \* NOTE:

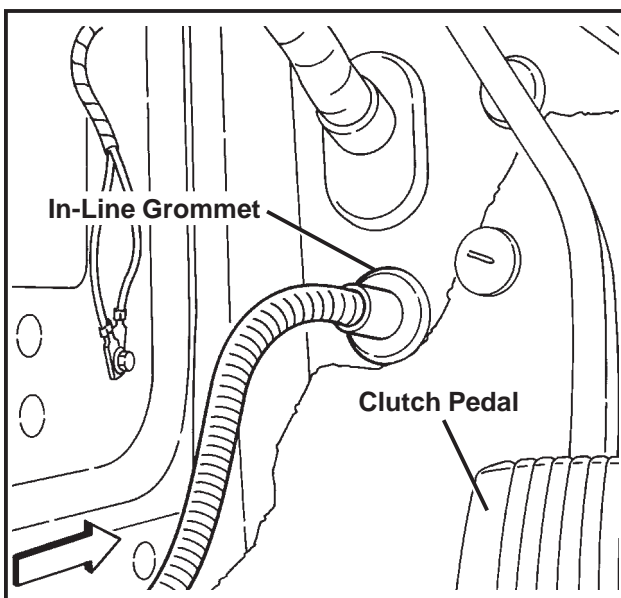
*This harness carries the same colors and wire functions as the O.E. harness.*



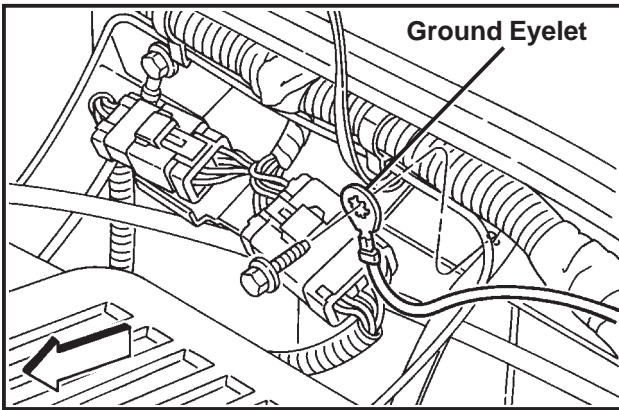
- 1) Find existing 10-way connector and rear washer supply hose located at the driver's side rear hardtop pillar. Plug and lock the corresponding connections from the hardtop overlay harness (Item 1).
- 2) Route harness forward and tuck in-between the existing harness and the body sheet metal.



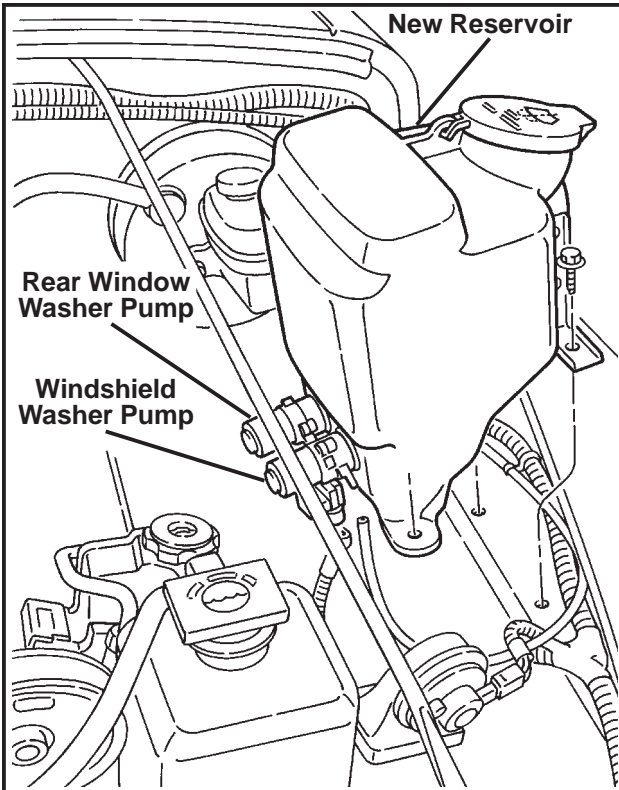
- 3) Carefully remove wire harness protector panel from the back of the driver's center sport bar.
- 4) Route hardtop overlay harness down and in-between the sport bar and body sheet metal.
- 5) Using tie straps (Item 2), secure overlay harness to the existing body harness.
- 6) Re-install the wire harness protector panel.



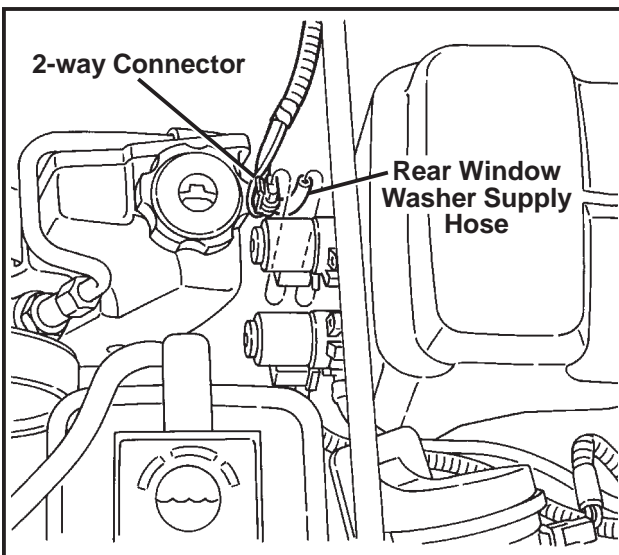
- 7) Continue routing overlay harness forward and under the driver's door sill.
- 8) Locate unused round grommet directly below the main bulkhead wiring grommet and remove it by pushing in from the engine compartment side. Discard the grommet.
- 9) Route ground eyelet and washer reservoir connections from the overlay harness forward thru the bulkhead and seat the in-line grommet.



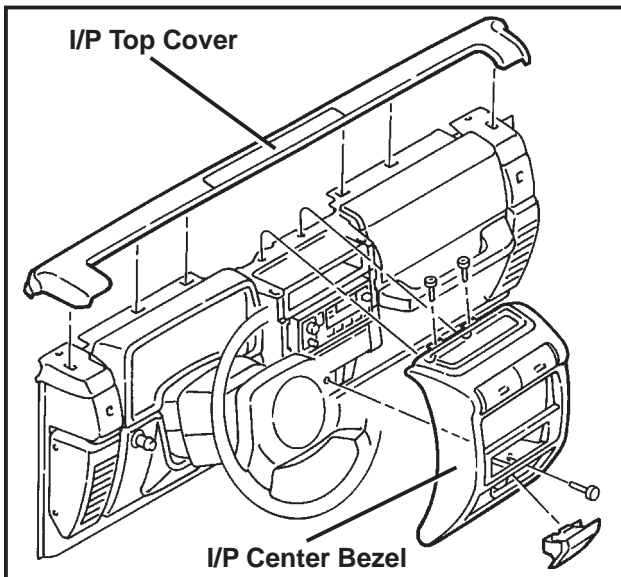
- 10) Disconnect negative battery cable and isolate.
- 11) Using a 15mm socket, install ground eyelet from the overlay harness to existing ground located on the driver's side of the upper bulkhead.



- 12) Using a 10mm socket, unscrew three bolts to remove the existing windshield washer reservoir.
- 13) Remove and retain the lid, windshield washer pump, grommet and fluid. Discard the reservoir.
- 14) Sub-assemble the supplied grommet (Item 3) and rear window washer pump (Item 4) to the new reservoir (Item 5).
- 15) Sub-assemble the retained grommet, windshield washer pump, lid, and fluid to the new reservoir.
- 16) Using three existing bolts, install new reservoir assembly to the vehicle.



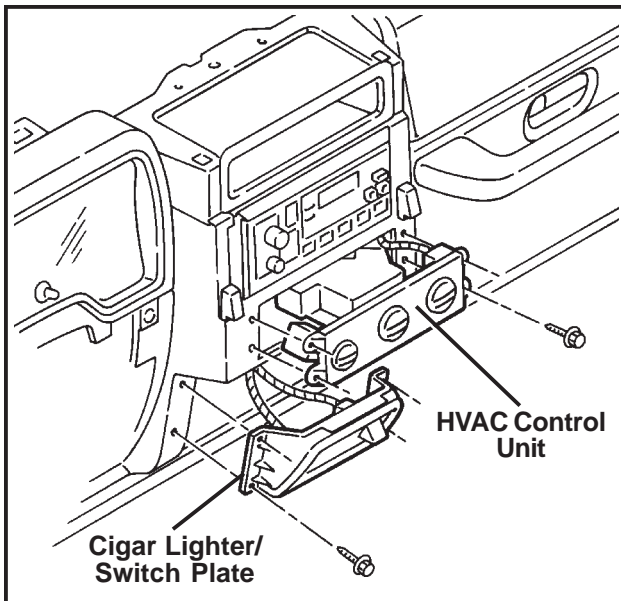
- 17) Plug-in 2-way connector and supply hose from the overlay harness to the corresponding connections on the rear window washer pump.
- 18) Re-install existing 2-way connector and supply hose to the windshield washer pump.
- 19) Using tie straps, secure overlay harness to the existing engine harness.



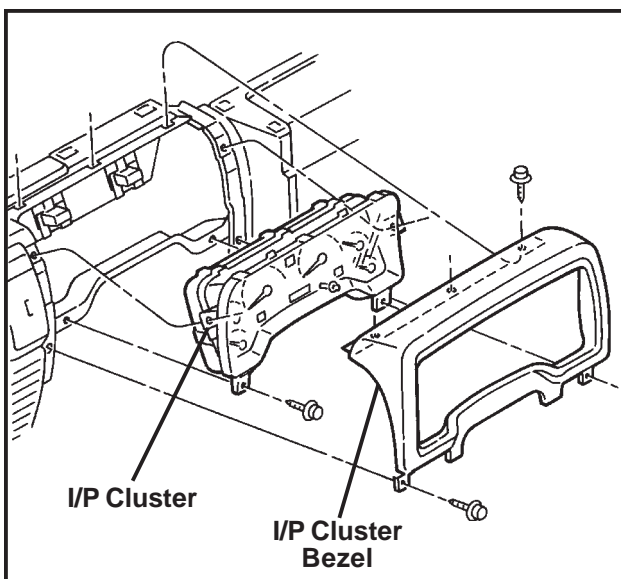
- 20) Remove cover from the power distribution center. (Fuse and relay locations are shown on the cover).
- 21) Install one of the maxi fuses (Item 6) to the HBL fuse location of the PDC.
- 22) Install HBL relay (Item 7) to the HBL location of the PDC.
- 23) Install mini fuse (Item 8) to cavity #17 of the fuse panel (located behind the glove box).

**NOTE:**

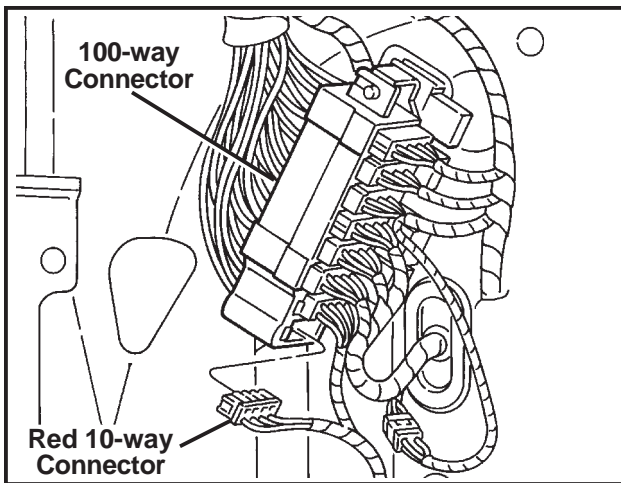
*Most vehicles will have a mini fuse already installed. If so, disregard step #23.*



- 24) Pry-up to remove the I/P top cover.
- 25) Remove ash receiver and unscrew three phillips head screws to remove the I/P center bezel.
- 26) Unscrew four phillips head screws from the cigar lighter/switch plate. Pull out and let hang.
- 27) Unscrew four phillips head screws from the HVAC control unit. Pull out and let hang.



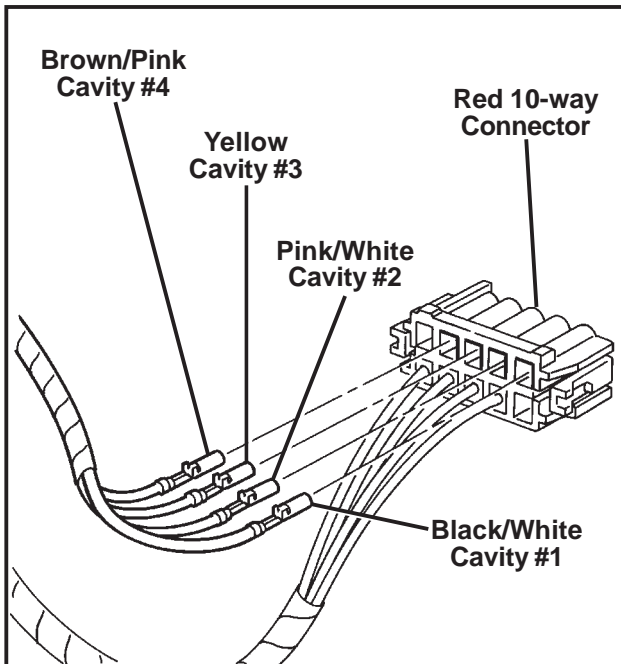
- 28) Unscrew five phillips head screws to remove the I/P cluster bezel.
- 29) Unscrew four phillips head screws to remove the I/P cluster.
- 30) Unscrew four phillips head screws to remove the knee blocker trim panel and knee blocker.



- 31) Find the 100-way connector located under the I/P and bolted to the LH body panel support. Un-plug red 10-way connector from the bottom cavity. Remove the connector's yellow locking wedge.

**NOTE:**

*If there is no existing 10-way connector to be found, use the connector (Item 9) and locking wedge (Item 10) supplied in kit.*

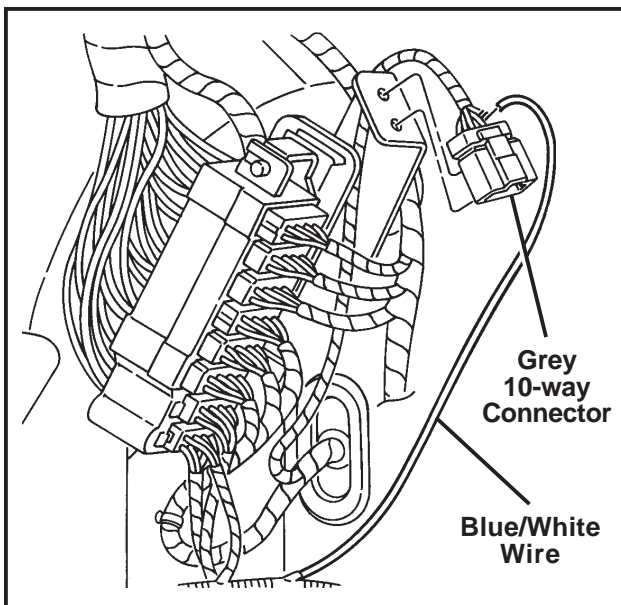


- 32) Insert four terminated wires from the overlay harness into either the existing or supplied connector as shown in the illustration at left.

**NOTE:**

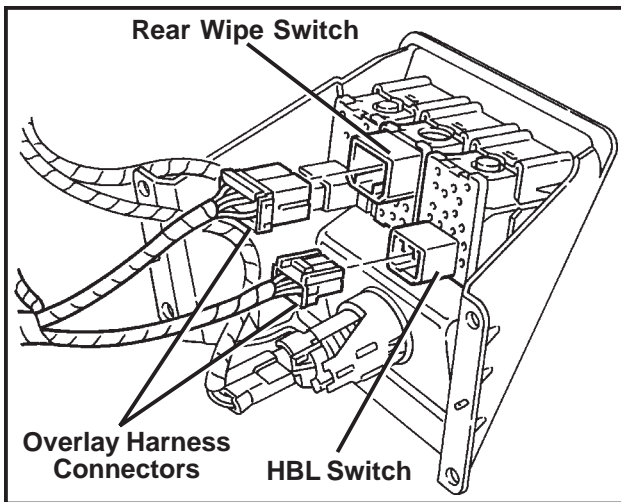
*Some models will have existing pink/white and yellow wires in the 10-way connector. The corresponding wires from the overlay harness must be center spliced onto these existing wires. Solder the splices and wrap with electrical tape to prevent shorts.*

- 33) Install yellow locking wedge and plug the 10-way connector back into the 100-way connector.

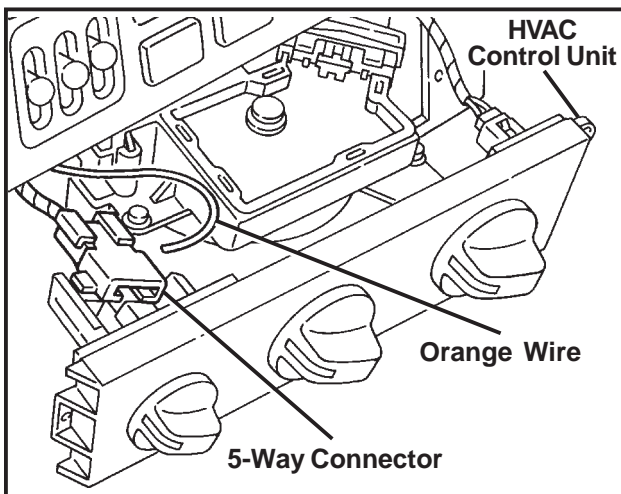


- 34) Find grey 10-way connector located under the I/P and near the top of the 100-way connector.
- 35) Cut Blue/White wire free off the 10-way connector. Splice this wire to the Blue/White wire from the overlay harness. Solder and insulate the splice.





- 36) Route two switch connectors and Orange wire from the overlay harness inside of I/P to the switch plate and HVAC unit.
- 37) Remove two block-off plugs from the switch plate and install the HBL switch (Item 11) and rear wiper switch (Item 12).
- 38) Plug and lock 6-way and 4-way connectors from the overlay harness into the switches.



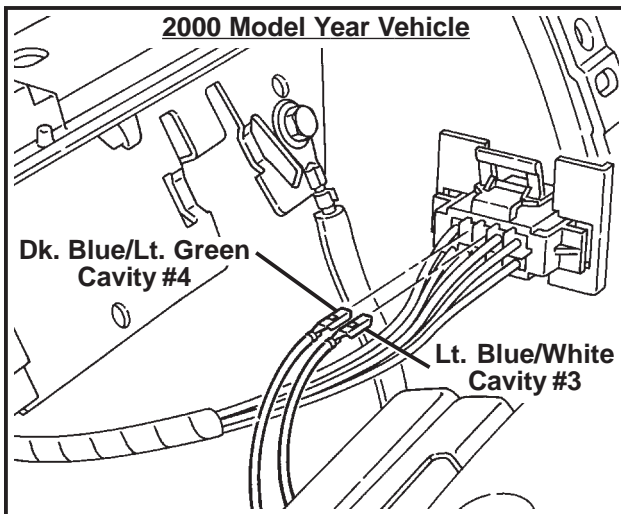
- 39) Center splice and tape Orange wire from the overlay harness to tan wire (located in cavity #4 of 5-way HVAC connector.) This wire controls the lights in the wiper and defroster switches.

#### **2000 Model Year Vehicle:**

- 41a) Remove the right (passenger's side) 10-way connector from back of the I/P cluster housing. (Squeeze in on tabs and slide connector off). Remove 3" of tape wrap back from the connector. Disengage locking wedge by pulling it partially out. Insert Dk. Blue/Lt. Green and Lt. Blue/White (large terminated) wires from the overlay harness into the 10-way connector as shown. Trim and tape back the unused wires.

#### **2001 Model Year Vehicle:**

- 41b) Remove the left (driver's side) 16-way connector from back of the I/P cluster housing. Remove 3" of tape wrap back from the connector. Disengage locking wedge by pulling it partially out. Insert Dk. Blue/Lt. Green wire into cavity #1. Insert Lt. Blue/White wire into cavity #7. Trim and tape back the unused wires.



- 42) Re-install connector to I/P bracket and re-install the I/P cluster.
- 43) Using tie straps, secure the overlay harness to the existing I/P harness. Be sure there is no interference with any moving parts.
- 44) Re-connect the negative battery cable and check for proper operation of the rear window wiper/washer, defroster, and dome lamp.